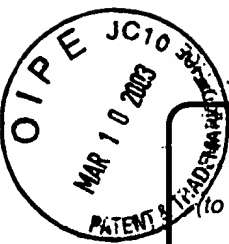


2187



PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application No.	09/524,942
		Filing Date	March 14, 2000
		First Named Inventor	David J. McDonnell
		Group Art Unit	2787
		Examiner Name	Not yet assigned
Total Number of Pages in This Submission	5	Attorney Docket Number	42390P6357C

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ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">Return Postcard</div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Robert B. O'Rourke, Reg. No. 46,972 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	3/3/03

CERTIFICATE OF MAILING/TRANSMISSION			
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail with sufficient postage in an envelope addressed to: Box Non-Fee Amendment, Assistant Commissioner for Patents, Washington, D.C. 20231 on: March 3, 2003			
Typed or printed name	Janece Shannon		
Signature		Date	March 3, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$) 0.00

Complete If Known

Application Number 09/524,942
Filing Date March 14, 2000
First Named Inventor David J. McDonnell
Examiner Name Not yet assigned
Group/Art Unit 2787
Attorney Docket No. 42390P6357C

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MAR 11 2003

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METHOD OF PAYMENT (check one)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None
☐ Deposit Account

Deposit
Account
Number

02-2666

Deposit
Account
Name

Blakely, Sokoloff, Taylor & Zafman LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☐ Charge any additional fee(s) required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES

Total Claims 32 * = X =
Independent Claims 3 = X =
Multiple Dependent

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple Dependent claim, if not paid	
1204	84	2204	42	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$)

**or number previously paid, if greater, For Reissues, see below

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
2053	130	2053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920 *	1804	920 *	Requesting publication of SIR prior to Examiner action	
1805	1,840 *	1805	1,840 *	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1404	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	2460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	1809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)				Non-Fee Amendment	0.00

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0.00

SUBMITTED BY

Name (Print/Type)

Robert B. O'Rourke

Registration No.
(Attorney/Agent)

46,972

Complete (if applicable)

Telephone

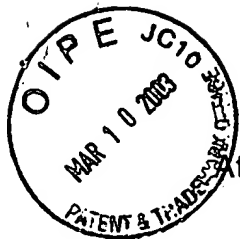
(408) 720-8300

Signature

Date

3/3/3

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.



7

Attorney Docket No.: 42.6357C

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

David J. McDonnell

Serial No.: 09/524,942

Filed: March 14, 2000

For: Cross-Clock Domain Data Transfer
Method and Apparatus

Examiner: Reba I. Elmore

Art Unit: 2187

Confirmation No.: 8992

Assistant Commissioner for Patents
Washington, D.C. 20231

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RESPONSE TO OFFICE ACTION

Dear Sir:

In response to the Office Action mailed December 3, 2002, it is respectfully requested that the following comments be considered:

FIRST CLASS CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

on March 3, 2003
Date of Deposit
Janece Shannon
Name of Person Mailing Correspondence
Janece Shannon 3-3-2003
Signature Date

COMMENTS

The enclosed is responsive to the Examiner's Office Action mailed on December 3, 2002. At the time the Examiner mailed the Office Action claims 13 through 44 were pending. By way of the present response the Applicant has not added, canceled or amended any claims. As such, claims 13 through 44 remain pending. The Applicant respectfully requests reconsideration of the present application and the allowance of claims 13 through 44.

The Examiner has rejected independent claims 13, 23, and 37 under 35 USC 102(e) as being anticipated by U.S. Patent No. 6,005,823 (hereinafter, "Martin"). The Examiner has reasoned, without further elaboration, that "Figure 2" of Martin discloses each of the claim elements of the Applicant's independent claims. "To anticipate a claim, the reference must teach every element of the claim" MPEP 2131. The Applicant respectfully submits that "Figure 2" of Martin and its associated discussion (approximately located from Col. 2, line 63 through Col. 4, line 42 of Martin) fails to disclose each and every element of the Applicant's independent claims 13, 23, 37.

In particular, although the circuitry of Figure 2 of Martin receives and processes a command packet (See, Col. 3 lines 2 through 22 of Martin), there does not exist any disclosure or suggestion that a "chunk" of a command packet is passed from a region that is clocked by a first clock to a region that is clocked by a second clock. As such, with respect to claims 13 and 23, Figure 2 of Martin and its corresponding discussion simply fails to disclose or suggest "a memory command

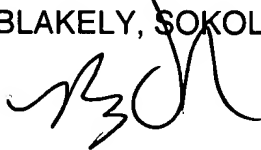
packet chunk output" that stems from a "region clocked by a first clock" or "a memory packet chunk input" directed into a "region clocked by a second clock". Likewise, with respect to claim 37, Figure 2 of Martin and its corresponding discussion simply fails to disclose "generating a memory command packet . . . while clocked by a first clock" and "sending a memory command packet chunk to a . . . region clocked by a second clock".

As such, Figure 2 of Martin and its corresponding discussion fails to disclose or suggest each and every one of the claim elements found in the Applicant's claims. As such, independent claims 13, 23 and 37 are patentable over Martin. The Applicant therefore respectfully requests the allowance of each of claims 13 through 44.

Applicants respectfully submit the present application is in condition for allowance. If the Examiner believes a telephone conference would expedite or assist in the allowance of the present application, the Examiner is invited to call Robert O'Rourke at (408) 720-8300. Authorization is hereby given to charge our Deposit Account No. 02-2666 for any charges that may be due.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN



Date: _____

3/3/03

Robert B. O'Rourke
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